

UTAH OIL AND GAS CONSERVATION COMMISSION

REMARKS: WELL LOG _____ ELECTRIC LOGS _____ FILE ☒ WATER SANDS _____ LOCATION INSPECTED **GAS** SUB. REPORT/abd. _____DATE FILED **7-15-82**LAND: FEE & PATENTED ☒ STATE LEASE NO. _____

PUBLIC LEASE NO. _____

INDIAN _____

DRILLING APPROVED: **7-28-82**

SPUDDED IN: _____

COMPLETED: _____ PUT TO PRODUCING: _____

INITIAL PRODUCTION: _____

GRAVITY A.P.I. _____

GOR: _____

PRODUCING ZONES: _____

TOTAL DEPTH: _____

WELL ELEVATION: _____

DATE ABANDONED: ~~2-1-84~~ **LA well never drilled. 1-22-84**FIELD: **3/8c WILDCAT**

UNIT: _____

COUNTY: **SANPETE**WELL NO. **#21-2**API NO. **43-039-30018**LOCATION **691'**FT. FROM (N) ☒ LINE,**1965'**FT. FROM ☒ (W) LINE.**NE NW****1/4 - 1/4 SEC. 2**

TWP.

RGE.

SEC.

OPERATOR

TWP.

RGE.

SEC.

OPERATOR

13S**4E****2****NATURAL GAS CORP OF CAL**

NATURAL GAS CORPORATION OF CALIFORNIA

85 South 200 East
Vernal, Utah 84078

July 15, 1982

Director
Division of Oil, Gas & Mining
4241 State Office Bldg.
Salt Lake City, UT 84114

Mr. E. W. Guynn
Minerals Management Service
1745 W. 1700 S., Suite 2000
Salt Lake City, UT 84104

Re: NGC #21-2 State
NE NW Section 2, T.13S., R.4E.
Sanpete Co., UT

Gentlemen:

Natural Gas Corporation of California proposes to drill the above captioned location.

Attached are the following documents:

- 1) Application for Permit to Drill
- 2) Surveyor's Plat
- 3) Ten Point Plan
- 4) Location Layout and Topographic Maps

Please contact this office if you need additional information.

Yours truly,

William A. Ryan

William A. Ryan
Petroleum Engineer

RECEIVED

JUL 19 1982

/kh

Attachment

cc: Operations
C. T. Clark
E. R. Henry

**DIVISION OF
OIL, GAS & MINING**

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL & GAS

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. Type of Work

DRILL ☒DEEPEN ☐PLUG BACK ☐

b. Type of Well

Oil ☐Gas ☒Other ☐Single ☐Multiple ☐

2. Name of Operator

Natural Gas Corporation of California

3. Address of Operator

85 South 200 East, Vernal, UT 84078

4. Location of Well (Report location clearly and in accordance with any State requirements.*)

At surface 1965' FWL, 691' FNL, Sec. 2, T.13S., R.4E.

At proposed prod. zone

NEW

14. Distance in miles and direction from nearest town or post office*

15. Distance from proposed*
location to nearest
property or lease line, ft.
(Also to nearest drlg. line, if any)

16. No. of acres in lease

17. No. of acres assigned
to this well18. Distance from proposed location*
to nearest well, drilling, completed,
or applied for, on this lease, ft.

19. Proposed depth

20. Rotary or cable tools

21. Elevations (Show whether DF, RT, GR, etc.)

6615' GR

22. Approx. date work will start*

Aug. 1, 1982

23. PROPOSED CASING AND CEMENTING PROGRAM

Size of Hole	Size of Casing	Weight per Foot	Setting Depth	Quantity of Cement
36"	30"	Line Pipe	100'	To surface
17-1/2"	13-3/8"	54.5#, K-55	3000'	To surface
12-1/4"	9-5/8"	36#, K-55	2,900'-10,500'	500 sx cement
8-1/2"	5-1/2"		T.D.	As required to protect the producing formations.

See attached sheets for additional details.

APPROVED BY THE STATE
OF UTAH DIVISION OF
OIL, GAS AND MINING
DATE: 7/28/82
BY: [Signature]

IN ABOVE SPACE DESCRIBE PROPOSED PROGRAM: If proposal is to deepen or plug back, give data on present productive zone and proposed new productive zone. If proposal is to drill or deepen directionally, give pertinent data on subsurface locations and measured and true vertical depths. Give blowout preventer program, if any.

24.

Signed

W^m Ryan
W. A. Ryan

Title

Petroleum Engineer

Date

July 15, 1982

(This space for Federal or State office use)

Permit No.

Approval Date

Approved by

Title

Date

Conditions of approval, if any:

cc: Div. OG&M; MMS; Operations; CTClark; ERHenry

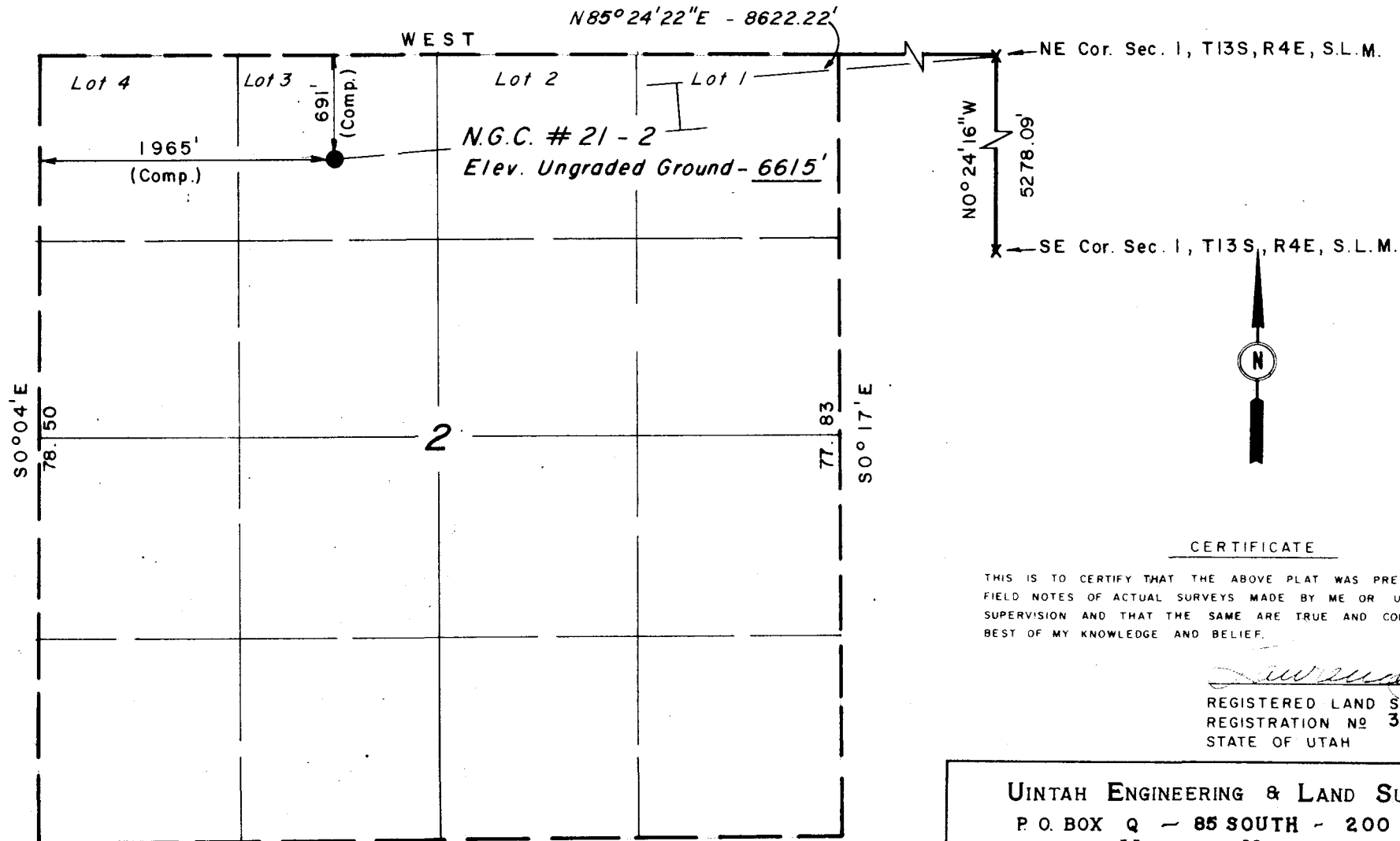
*See Instructions On Reverse Side

T13S, R4E, S.L.B. & M.

PROJECT

NATURAL GAS CORP. OF CALIFORNIA

Well location, *NGC # 21-2*, located as shown in the NE 1/4 NW 1/4 (Lot 3) Section 2, T13S, R4E, S.L.B. & M. Sanpete County, Utah.



CERTIFICATE

THIS IS TO CERTIFY THAT THE ABOVE PLAT WAS PREPARED FROM FIELD NOTES OF ACTUAL SURVEYS MADE BY ME OR UNDER MY SUPERVISION AND THAT THE SAME ARE TRUE AND CORRECT TO THE BEST OF MY KNOWLEDGE AND BELIEF.

James H. Key
REGISTERED LAND SURVEYOR
REGISTRATION NO 3137
STATE OF UTAH

Note: BASIS OF BEARINGS IS FROM SOLAR OBSERVATION OF THE SUN.

UINTAH ENGINEERING & LAND SURVEYING
P.O. BOX Q - 85 SOUTH - 200 EAST
VERNAL, UTAH - 84078

SCALE	1" = 1000'	DATE	7/9/82
PARTY	RK BK RP	REFERENCES	GLO Plat
WEATHER	Fair	FILE	NATURAL GAS

Ten Point Plan
 NGC #21-2 State
 NE NW Section 2, T.13S., R.4E.
 Sanpete Co., Utah

1. Surface Formation: Green River.
2. Estimated Formation Tops and Datum:

<u>Formation</u>	<u>Depth</u>	<u>Datum</u>
Green River	Surface	6615'
North Horn	2800'	3815'
Black Hawk	6500'	115'
Star Point	7700'	-1085'
Emery	8600'	-1985'
Ferron	11,000'	-4385'
Dakota	12,400'	-5785'
Morrison	12,550'	-5935'
Entrada	14,000'	-7385'

3. Producing Formation Depth:
11,000 - T.D.

4. Proposed Casing Program:

<u>Hole Size</u>	<u>Casing Size</u>	<u>Weight/Ft.</u>	<u>Setting Depth</u>	<u>Casing New/Used</u>
36	30	Line Pipe	100'	New
17-1/2	13-3/8	54.5# K-55	3000'	New
12-1/4	9-5/8	36# K-55	2900'-10,500'	New
8-1/2	5-1/2			

5. BOP and Pressure Containment Data: A 5000 psi WP BOP system as described in the BOP and Pressure Containment Data (attached) will be installed and maintained from under the 13-3/8" surface casing. BOP system including the casing will be pressure tested to a minimum of 5000 psi for 30 mins. prior to drilling and will be mechanically checked daily during drilling operations.

6. Mud Program:

<u>Interval</u>	<u>Mud Weight lbs./gal.</u>	<u>Viscosity Sec./Qt.</u>	<u>Fluid Loss ML/30 mins.</u>	<u>Mud Type</u>
0-7000			No Control	
7000-TD	8.5 - 9.5	35 - 55	10	Low Solids Non-dispersed

7. Auxiliary Equipment:

8. Testing, Coring, Sampling and Logging:

A) Testing: One in the Ferron, Dakota, Morrison, and Entrada.

B) Coring: One in the Ferron, Dakota, Morrison, and Entrada.

C) Sampling: 10' from surface casing to T.D.

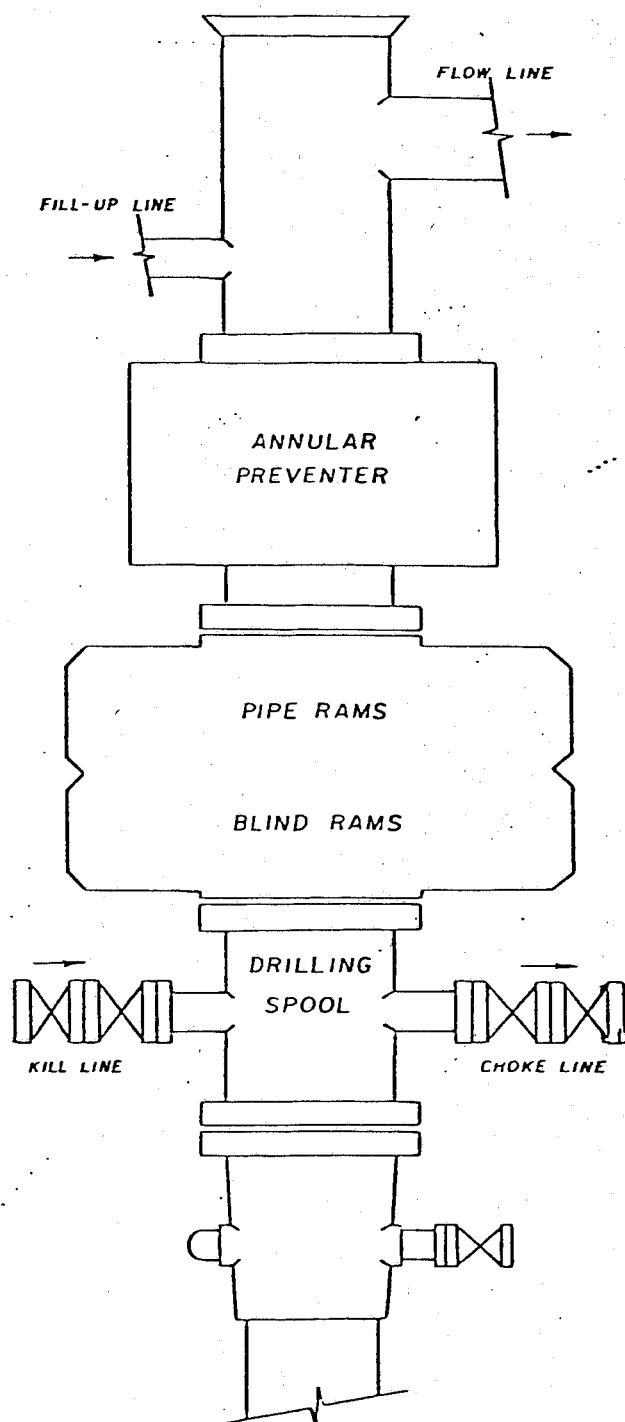
D) Logging:	DIL-SFL w/GR	Surface casing to T.D.
	BHC Sonic w/GR	" "
	FDC CNL w/GR	" "
	Dipmeter w/GR	" "

9. Abnormalities (including sour gas): No abnormal temperatures, pressures or potential hazards are anticipated other than possible lost circulation or water flows in the Flagstaff Limestone (2300' through 9600').

10. Drilling Schedule: Operations to begin Aug. 1, 1982.

NATURAL GAS CORPORATION
OF
CALIFORNIA
BOP AND PRESSURE CONTAINMENT DATA

NGC #21-2 State
NE NW Section 2, T.13S., R.4E.
Sanpete Co., Utah

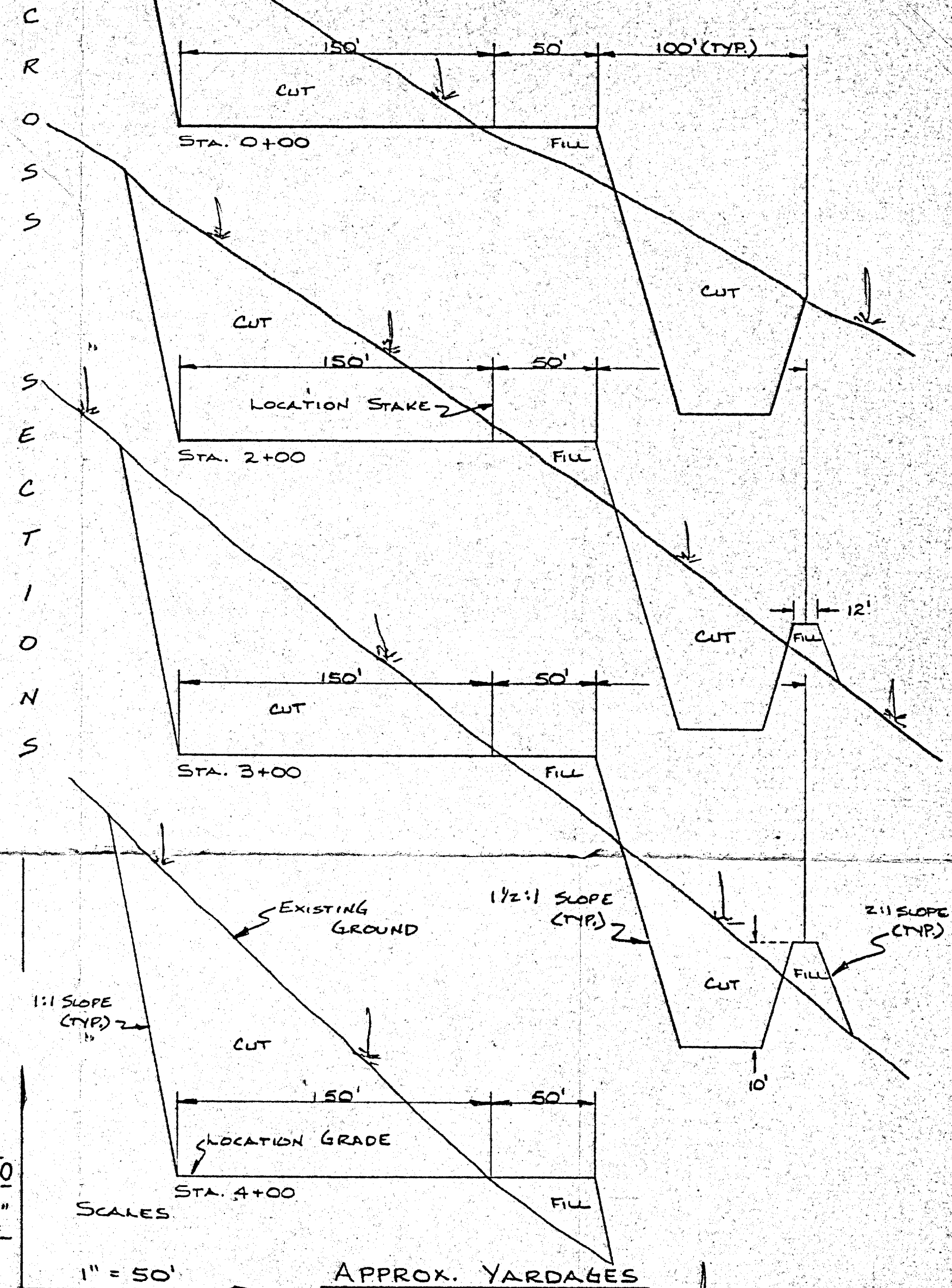


1. BOP equip shall consist of a double gate, hydraulically operated preventer with pipe & blind rams or two single ram type preventers, one equipped w/pipe rams, the other w/blind rams.
2. BOP's are to be well braced w/ hand controls extended clear of substructure.
3. Accumulator to provide closing pressure in excess of that required w/sufficient volume to operate all components.
4. Auxiliary equipment: Lower kelly cock, full opening stabbing valve, 2½" choke manifold, pit level indicator &/or flow sensors w/alarms.
5. All BOP equipment, auxiliary equipment stand pipe & valves & rotary hose to be tested to the rate pressure of the BOP's at time of installation & every 30 days thereafter. BOP's to be mechanically checked daily.
6. Modification of hook-up or testing procedure must be approved in writing on tour reports by wellsite representative.

NATURAL GAS CORP. OF CALIF.

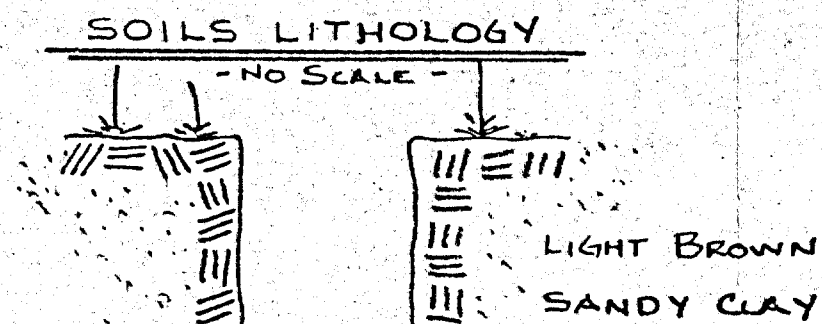
N.G.C. #21-2

LOCATION LAYOUT AND CUT SHEET



CUBIC YDS. CUT - 40,935

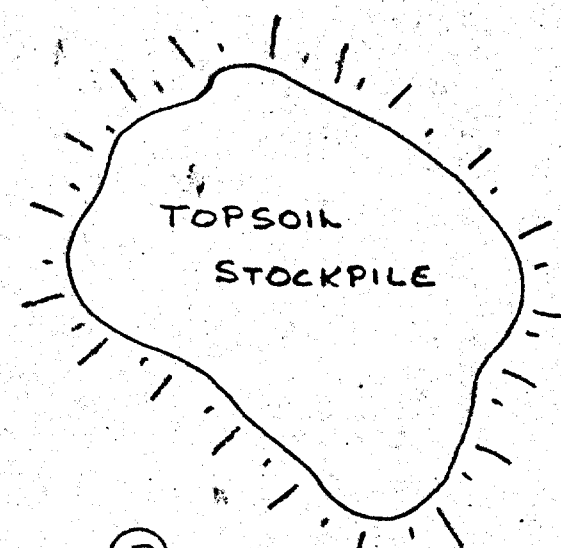
CUBIC YDS. FILL - 3,080



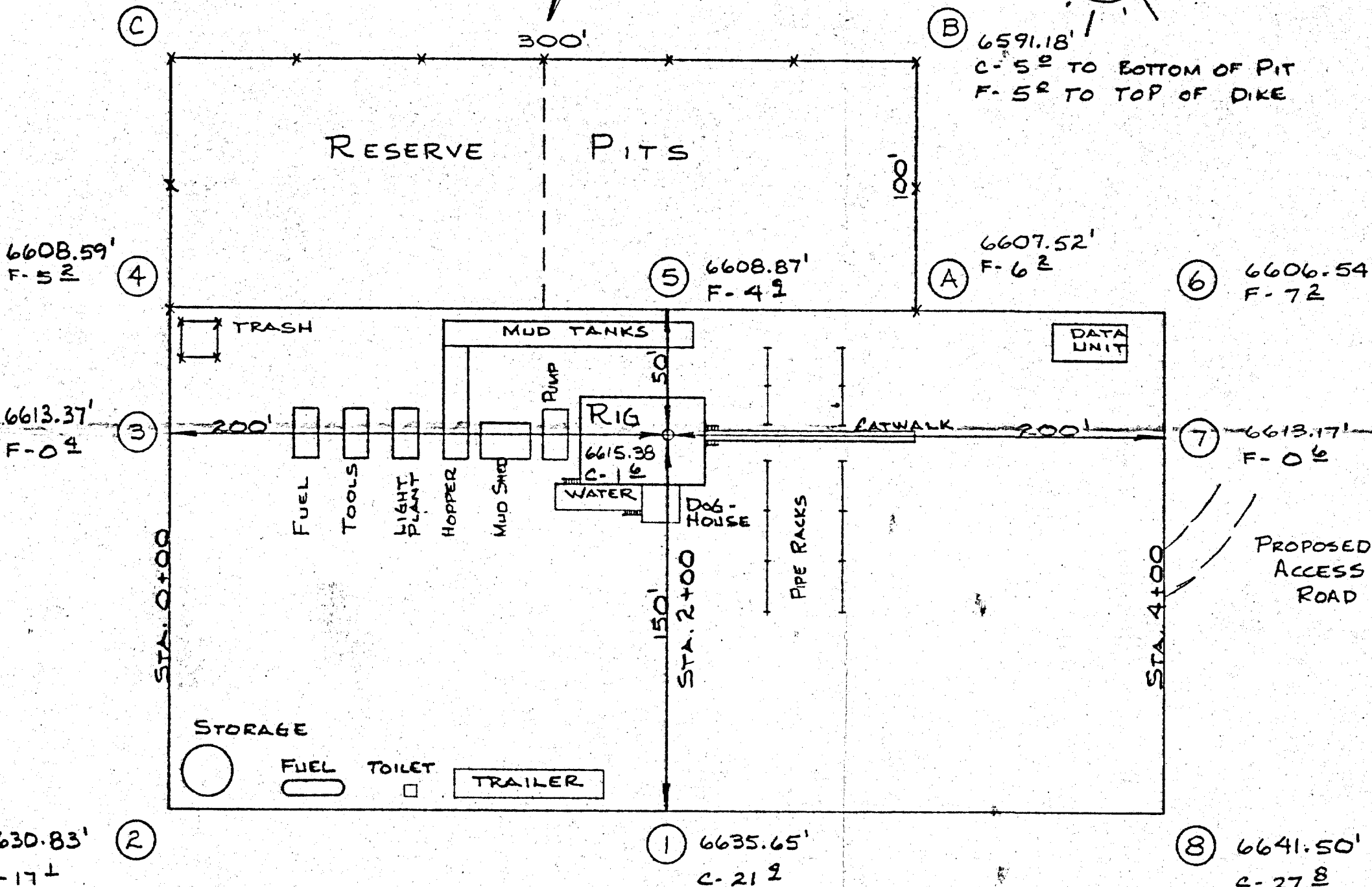
WIND EAST

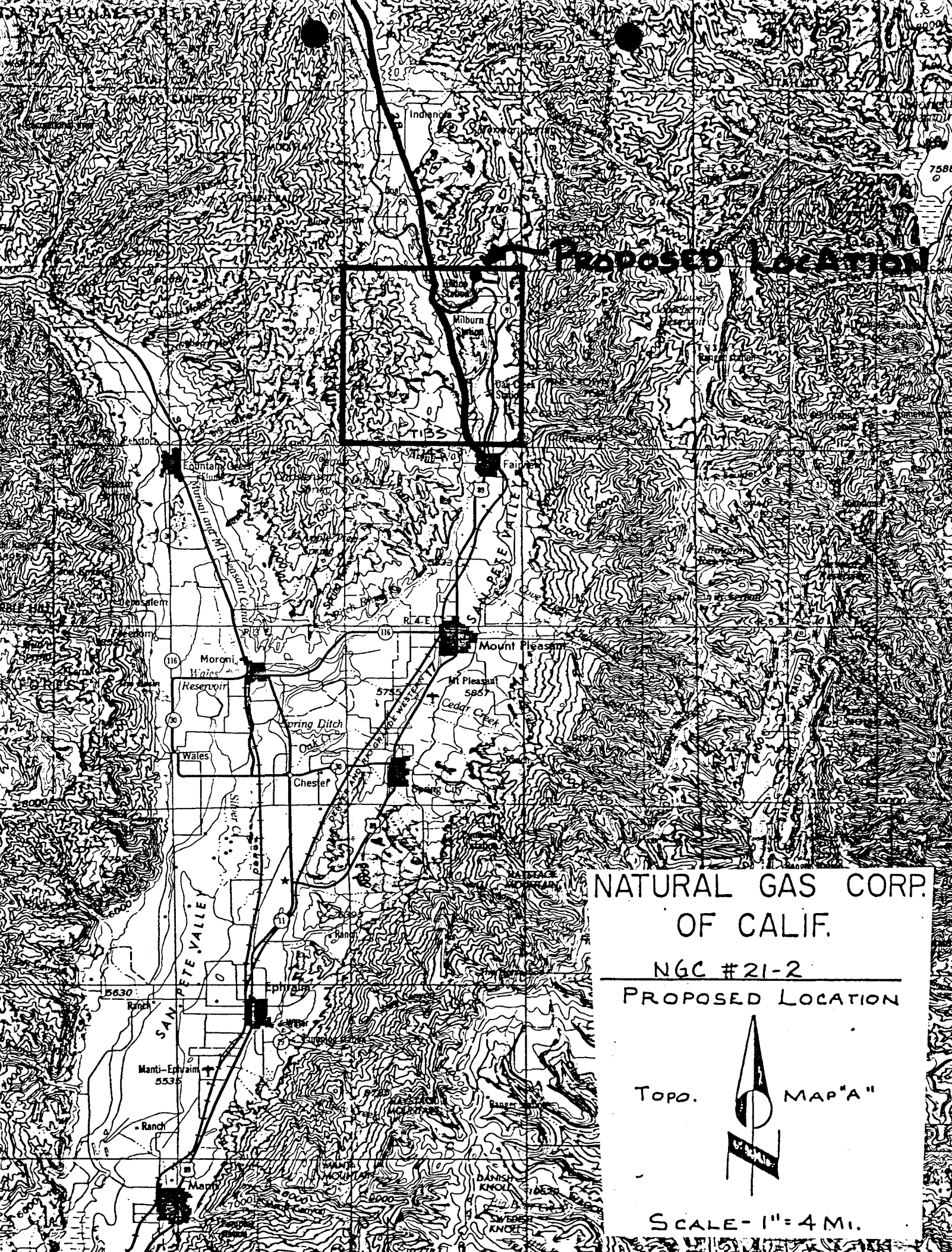
SCALE: 1" = 50'

DATE: 7/9/82



C-11 TO BOTTOM OF PIT
6597.92'

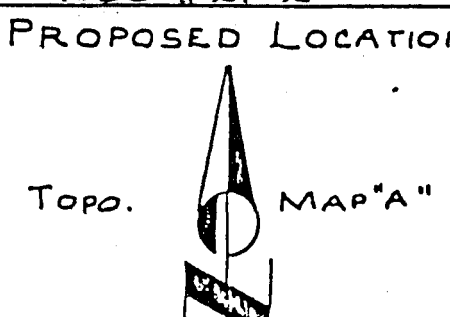




Proposed Location

NATURAL GAS CORP.
OF CALIF.

NGC #21-2
PROPOSED LOCATION



SCALE - 1" = 4 MI.

NATURAL GAS CORP.
OF CALIF.

NGC # 21-2
PROPOSED LOCATION

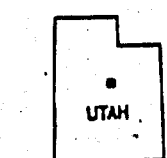
Topo. MAP "B"



SCALE - 1" = 2000'

ROAD CLASSIFICATION

Heavy-duty ——— Light-duty ———
Medium-duty ——— Unimproved dirt - - - - -
U.S. Route □ State Route ○



QUADRANGLE LOCATION

PROV-42-1

PROPOSED LOCATION
NGC # 21-2

PROPOSED ACCESS
ROAD - 1.1 Mi.

1.8 Mi.

FAIRVIEW - 5.9 Mi.

T12S
T13S

R4E
R5E

VALLEY

Oak Creek

Creek

Station

Fairview

6590'

6580'

6570'

6560'

6550'

6540'

6530'

6520'

6510'

6500'

** FILE NOTATIONS **

DATE: July 21, 1982
OPERATOR: Natural Gas Corporation of California
WELL NO: ~~C-3~~ # 21-2
Location: Sec. 2 T. 13S R. 4E County: Sanpete

File Prepared: ☒

Entered on N.I.D: ☐

Card Indexed: ☐

Completion Sheet: ☐

API Number 43-039-30018

CHECKED BY:

Petroleum Engineer: OK
C-3

Director: _____

Administrative Aide: * As Per Rule C-3

APPROVAL LETTER:

Bond Required: ☒

Survey Plat Required: ☐

Order No. _____

O.K. Rule C-3 ☐

Rule C-3(c), Topographic Exception - company owns or controls acreage within a 660' radius of proposed site ☐

Lease Designation Fee

Plotted on Map ☒

Approval Letter Written ☐

Hot Line ☒

P.I. ☒

July 28, 1982

Natural Gas Corporation of California
85 South 200 East
Vernal, Utah 84078

RE: Well No. Fee #21-2
Sec. 2, T13S, R4E
Sanpete County

Insofar as this office is concerned, approval to drill the above referred to gas well is hereby granted in accordance with Rule C-3, General Rules and Regulations and Rules of Practice and Procedure.

Should you determine that it will be necessary to plug and abandon this well, you are hereby requested to immediately notify the following:


CLEON B. FEIGHT - Director
Office: 533-5771
Home: 466-4455

Enclosed please find Form OGC-8-X, which is to be completed whether or not water sands (aquifers) are encountered during drilling. Your cooperation in completing this form will be appreciated.

Further, it is requested that this Division be notified within 24 hours after drilling operations commence and that the drilling contractor and rig number be identified.

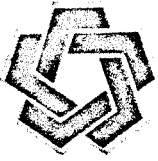
The API number assigned to this well is 43-039-30018.

Sincerely,



RONALD J. FIRTH
CHIEF PETROLEUM ENGINEER

RJF:SC
Enclosure



STATE OF UTAH
NATURAL RESOURCES & ENERGY
Oil, Gas & Mining

Scott M. Matheson, Governor
Temple A. Reynolds, Executive Director
Cleon B. Feight, Division Director

4241 State Office Building • Salt Lake City, UT 84114 • 801-533-5771

March 15, 1983

Natural Gas Corporation of California
85 South 200 East
Vernal, Utah 84078

Re: See attached list of wells

Gentlemen:

In reference to the above mentioned wells, considerable time has gone by since approval was obtained from this office.

This office has not received any notification of spudding. If you do not intend to drill these wells, please notify this Division. If spudding or any other activity has taken place, please send necessary forms. If you plan to drill these locations at a later date, please notify as such.

We will be happy to acknowledge receipt of your response to this notice if you will include an extra copy of the transmittal letter with a place for our signature, and a self addressed envelope for the return. Such acknowledgement should avoid unnecessary mailing of a firm second notice from our agency.

Your prompt attention to the above will be greatly appreciated.

Respectfully,

DIVISION OF OIL, GAS AND MINING

Cari Furse
Well Records Specialist

CF/cf

Well No. Fee # 21-2
Sec. 2, T. 13S, R. 4E.
Sanpete County, Utah

Well No. NGC Federal # 34-1
Sec. 1, T. 8S, R. 22E.
Uintah County, Utah

Well No. NGC Federal # 14-12
sec. 12, T. 8S, R. 22E.
Uintah County, Utah

Well No. Federal # 44-14
Sec. 14, T. 8S, R. 22E.
Uintah County, Utah

Well No. Glen Bench Federal # 44-15
Sec. 15, T. 8S, R. 22E.
Uintah Counlty, Utah

Well No. NGC Federal # 44-4
Sec. 4, T. 8S, R. 23E.
Uintah County, Utah

Well No. Moccasin Trail Federal # 32-18
Sec. 18, T. 15S, R. 25E.
Uintah County, Utah

*Natural Gas
Corporation of
California*



May 18, 1983

Division of Oil, Gas & Mining
4241 State Office Building
Salt Lake City, UT 84114

Mr. E. W. Gynn
Bureau of Land Management
Oil and Gas Operations
1745 West 1700 South, Suite 2000
Salt Lake City, UT 84104

Re: NGC #21-2 State
Section 2, T.13S., R.4E.
Sanpete County, Utah

Gentlemen:

Attached are copies of Form 9-331, Sundry Notices and Reports on Wells, Report of Well Status, for the subject well.

Sincerely,

Rick Canterbury
Rick Canterbury
Associate Engineer

/kh

Attachment

cc: Operations
E. R. Henry
C. T. Clark

RECEIVED

MAY 20 1983

DIVISION OF
OIL, GAS & MINING

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS, AND MINING

SUNDRY NOTICES AND REPORTS ON WELLS

(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir.
Use "APPLICATION FOR PERMIT—" for such proposals.)

1. OIL WELL <input type="checkbox"/> GAS WELL <input checked="" type="checkbox"/> OTHER		5. LEASE DESIGNATION AND SERIAL NO. Fee
2. NAME OF OPERATOR Natural Gas Corporation of California		6. IF INDIAN, ALLOTTEE OR TRIBE NAME
3. ADDRESS OF OPERATOR 85 South 200 East, Vernal, UT 84078		7. UNIT AGREEMENT NAME
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.* See also space 17 below.) At surface 1965' FWL, 691' FNL, (NE $\frac{1}{4}$ NW $\frac{1}{4}$) Section 2, T.13S., R.4E.		8. FARM OR LEASE NAME
14. PERMIT NO. 43-039-30018		9. WELL NO. 21-2
15. ELEVATIONS (Show whether OF, RT, GR, etc.) 6615' GR		10. FIELD AND POOL, OR WILDCAT Wildcat
		11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA Sec. 2, T.13S., R.4E.
		12. COUNTY OR PARISH Sanpete
		13. STATE Utah

16.

Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data

NOTICE OF INTENTION TO:

TEST WATER SHUT-OFF ☐FRACTURE TREAT ☐SHOOT OR ACIDIZE ☐REPAIR WELL ☐(Other) Report of Well Status ☒PULL OR ALTER CASING ☐MULTIPLE COMPLETE ☐ABANDON* ☐CHANGE PLANS ☐

SUBSEQUENT REPORT OF:

WATER SHUT-OFF ☐FRACTURE TREATMENT ☐SHOOTING OR ACIDIZING ☐(Other) ☐REPAIRING WELL ☐ALTERING CASING ☐ABANDONMENT* ☐

(NOTE: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)*

The subject well has not been drilled and no work has been done. Plans for drilling this well have been suspended.

RECEIVED
MAY 20 1983DIVISION OF
OIL, GAS & MINING

18. I hereby certify that the foregoing is true and correct

SIGNED

Rick Canterbury
Rick Canterbury

TITLE

Associate Engineer

DATE

May 17, 1983

(This space for Federal or State office use)

APPROVED BY

TITLE

DATE

CONDITIONS OF APPROVAL, IF ANY:

cc: BLM-Oil and Gas Operations; Div. OG&M; Operations; CTCIark; ERHenry



STATE OF UTAH
NATURAL RESOURCES
Oil, Gas & Mining

Scott M. Matheson, Governor
Temple A. Reynolds, Executive Director
Dr. G. A. (Jim) Shirazi, Division Director

4241 State Office Building • Salt Lake City, UT 84114 • 801-533-5771

December 22, 1983

Natural Gas Corporation of California
85 South 200 East
Vernal Utah 84078

RE: Well No. FEE #21-2
691' FNL, 1965' FWL NE NW
Sec. 2, T. 13S, R. 4E.
Sanpete County, Utah

Gentlemen:

Due to excessive time delay in commencing drilling operations, approval to drill the subject well is hereby rescinded effective one calendar month from the date of this notice.

A new Application for Permit to Drill must be filed with this office for approval, prior to future drilling of the subject location.

Respectfully,

Norman C. Stout
Administrative Assistant

NCS/cj